

**PATENT**  
Attorney Docket No. 223695  
DHHS Ref. E-172-1986/1-US-08

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Chang et al..

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: Herewith

For: DETECTION OF HIV-1 DNA

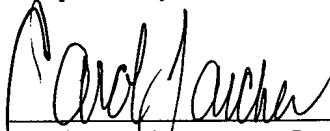
**SUBMISSION OF SEQUENCE LISTING**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the requirements of 37 CFR 1.821-1.825, a sequence listing is being submitted as part of the patent application. The sequence listing is in the form of both a paper copy and a computer readable copy on a computer diskette. The undersigned hereby verifies that the content of the paper copy and the computer readable copy, as concurrently being submitted, are the same.

Respectfully submitted,



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Date: August 5, 2003